EAST Search History *— EaR - 4/14/06*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6313521".pn.	USPAT	OR	OFF	2005/10/28 08:20
S2	1	"6700794".pn.	USPAT	OR	OFF	2006/04/14 15:02
S3	1	"5864177".pn.	USPAT	OR	OFF	2005/10/28 08:20
S4	1	"6838776".pn.	USPAT	OR	OFF	2005/10/28 08:20
S5	18	("20020064931" | "4630096" | "4722914" | "4783695" | "4792533" | "4890156" | "5161093" | "5315486" | "5353498" | "5578869" | "5592025" | "5616958" | "5841193" | "5989935" | "6159767" | "6441474" | "6700182" | "6703702").PN. OR ("6838776"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 08:21
S6	37	("4630096" | "4746960" | "4827328" | "4860166" | "4866508" | "4878991" | "4884122" | "4894115" | "4907062" | "4933042" | "5049980" | "5091769" | "5111278" | "5144747" | "5250843" | "5324687" | "5426566" | "5757072").PN. OR ("6159767"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 08:28
S7	5081	257/698,700,723,724,728.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 08:29
S8	804	S7 and (("integrated circuit" or "ic" or "chip" or "semiconductor chip" or "semiconductor die" or die) and (passive or discrete) and (substrate or interposer or pcb or "printed circuit board" or "wiring board" or "wiring substrate") and (induct$4 or capacit$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 08:32
S9	11	("20020076919" | "20020119396" | "20030038373" | "20030075811" | "5353195" | "5872051" | "5874770" | "6038133" | "6570469" | "6576499" | "6784765").PN. OR ("6955948").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 08:34
S10	4	("20010029228" | "4788046" | "5082811" | "5756408").PN. OR ("6946415").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 08:40

S11	14	("4852227" | "4883920" | "5444298" | "5798567" | "5883428" | "5973928" | "6272020" | "6344961" | "6388207" | "6577490" | "6713860" | "6757178" | "6803649" | "6847527").PN. OR ("6907658"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 08:43
S12	34	("5261153" | "5633785" | "5635767" | "5731047" | "5745334" | "5836063" | "5841075" | "5868590" | "5879787" | "5888630" | "5888631" | "5900312" | "5912809" | "5972231" | "5983974" | "6011697" | "6018196" | "6021564" | "6103992" | "6127250" | "6143401" | "6183592" | "6203891" | "6215649" | "6248959" | "6333857" | "6370013" | "6388207" | "6407929" | "6410858" | "6441314" | "6490170" | "6724638").PN. OR ("6847527"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 08:44
S13	19	("4349862" | "4574255" | "5708570" | "5874770" | "6075285" | "6153290").PN. OR ("6407929"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 08:51
S14	12	("5027253" | "6021050" | "6153290" | "6252761" | "6319542" | "6353540" | "6370013" | "6388207" | "6407929" | "6410858").PN. OR ("6757178").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 08:53
S15	11	("20020076919" | "20020119396" | "20030038373" | "20030075811" | "5353195" | "5872051" | "5874770" | "6038133" | "6570469" | "6576499" | "6784765").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:22
S16	2333	257/724	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:22
S17	999	257/724 and ceramic	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/21 16:22
S18	8	("20030057544" | "5841193" | "5877550" | "6038133" | "6366467" | "6538210" | "6630727" | "6734542").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:24
S19	14	("4612083" | "5280192" | "5565706" | "5600541").PN. OR ("5877550"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:25

EAST Search History

S20	9	("20040238942" | "20050017345" | "5847936" | "5886406" | "6137168" | "6246252" | "6307259" | "6535398" | "6803659").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:26
S21	20	("4322778" | "4574255" | "4755910" | "4811082" | "4901136" | "5014114" | "5032896" | "5075253" | "5077639" | "5095402" | "5177670" | "5237204" | "5239198" | "5239448" | "5255431" | "5384691" | "5473513" | "6018463" | "6147876" | "6153290").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:27
S22	0	("6889155").URPN.	USPAT	OR	OFF	2006/03/21 16:33
S23	0	("6889155").URPN.	USPAT	OR	OFF	2006/03/21 16:33
S24	0	("6889155").URPN.	USPAT	OR	OFF	2006/03/21 16:33
S25	0	("6889155").URPN.	USPAT	OR	OFF	2006/03/21 16:33
S26	0	("6889155").URPN.	USPAT	OR	OFF	2006/03/21 16:33
S27	10	("20040070024" | "4446477" | "4792773" | "5608261" | "5652466" | "5719750" | "5818699" | "6153290" | "6356333").PN. OR ("6885561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:34
S28	32	("5153709" | "5414300" | "5473512" | "5477009" | "5639989").PN. OR ("5818699").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:34
S29	6	("4945323" | "5483100" | "6005197" | "6218729" | "6274937" | "6455885").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 12:01
S30	10	("4692839" | "5373112" | "5375042" | "5488542" | "5639989" | "5929510" | "6057600" | "6214445" | "6254971" | "6339197").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 12:13
S31	12	("20010011768" | "4193083" | "4410874" | "4618879" | "5144535" | "5353196" | "5402318" | "5606196" | "5767579" | "5768109" | "6097612" | "6166436").PN. OR ("6489680").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 12:20
S32	23	("4349862" | "4574255" | "5708570" | "5874770" | "6075285" | "6153290").PN. OR ("6407929"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 12:26
S33	486	361/762	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 12:27

EAST Search History

S34	13	("4764233" | "4963843" | "5140745" | "5430933" | "5625935" | "5635670" | "5644107" | "5752182" | "5966052" | "6278178" | "6452781" | "6538896" | "6576999").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 12:31
S35	16	("4736128" | "4737742" | "5281883" | "5459368" | "5699027" | "5872493" | "5962950" | "6285559" | "6320739" | "6339365" | "6351194" | "6498422").PN. OR ("6628178").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 12:34
S36	33	("4179797" | "4300115" | "4328531" | "4574255" | "4705917" | "4737747" | "4870746" | "5208561" | "5384434" | "5469324" | "5483413" | "5488540" | "5708569" | "5870274").PN. OR ("6353540"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 12:40
S37	17	("5350621" | "5844320" | "6002180" | "6090468" | "6121289").PN. OR ("6184577").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 12:43
S38	96	("5239448").URPN.	USPAT	OR	OFF	2006/03/22 12:48
S39	17	("3287657" | "5031233" | "5061904" | "5191301" | "5239448" | "5488540" | "5504459" | "5604466" | "5854575").PN. OR ("6043724"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 12:51
S40	1	"5818699".pn.	USPAT	OR	OFF	2006/04/14 15:02
S41	0	"5818699".pn. and filter	USPAT	OR	OFF	2006/04/14 15:25

| S42 | 123 | (US-20040075171-$ or US-20050151240-$ or US-20050224934-$ or US-20050218509-$ or US-20050200003-$ or US-20050167817-$ or US-20050230812-$ or US-20050224962-$ or US-20050056931-$ or US-20050051887-$ or US-20050017345-$ or US-20050017344-$ or US-20040238942-$ or US-20040227258-$ or US-20040227227-$ or US-20040022038-$ or US-20020159242-$ or US-20040256738-$ or US-20020119396-$ or US-20020076919-$ or US-20020180063-$ or US-20020027773-$).did. or (US-6977441-$ or US-6989600-$ or US-6844505-$ or US-5874770-$ or US-6757178-$ or US-6791133-$ or US-5768109-$ or US-6166436-$ or US-6847527-$ or US-6943108-$ or US-6970362-$ or US-7006359-$ or US-6218729-$ or US-6455885-$ or US-6760227-$ or US-6628178-$ or US-5459368-$ or US-6147876-$ or US-6535398-$ or US-5239448-$ or US-6740969-$ or US-5875100-$ or US-5752182-$ or US-5452182-$ or US-6767751-$ or US-6043724-$). did. or (US-6576999-$ or US-6418031-$ or US-6353540-$ or US-6084779-$ or US-6642811-$ or US-6388207-$ or US-5488540-$ or US-6550037-$ or US-6762368-$ or US-6921975-$ or US-6060954-$ or US-6838776-$ or US-6407929-$ or US-6542375-$ or US-5384434-$ or US-5699027-$ or US-6955948-$ or US-6891266-$ or US-6870256-$ or US-6867496-$ or US-6946415-$ or US-6498306-$ or US-6038133-$ or US-6907658-$ or US-6841855-$ or US-6838763-$ or US-6841869-$). did. or (US-6831357-$ or US-6828670-$ or US-6803324-$ or US-6800936-$ or US-6933601-$ or US-6889155-$ or US-6713860-$ or US-6570469-$ or US-6362525-$ or US-6356453-$ or US-6310393-$ or US-6043987-$ or US-5953213-$ or US-5949654-$ or US-5818699-$ or US-5717249-$ or US-5565706-$ or US-4811082-$ or US-6410858-$ or | US-PGPUB; USPAT | OR | OFF | 2006/04/14 15:04 |

S43	39	S42 and filter	US-PGPUB; USPAT	OR	ON	2006/04/14 15:25
S44	28	S42 and (wave or saw or baw or acoustic)	US-PGPUB; USPAT	OR	ON	2006/04/14 15:25
S45	0	"5818699".pn. and (wave or saw or baw or acoustic)	USPAT	OR	OFF	2006/04/14 15:30
S46	0	S42 and (micro near wave)	USPAT	OR	OFF	2006/04/14 15:30
S47	9	S42 and (microwave)	USPAT	OR	OFF	2006/04/14 15:34
S48	0	"257"/$3 and (ceramic near capacitor near microwave near filter)	USPAT	OR	OFF	2006/04/14 15:35
S49	0	"257"/$3 and ((ceramic near capacitor) with (microwave near filter))	USPAT	OR	OFF	2006/04/14 15:35
S50	0	"257"/$3 and ((ceramic near capacitor) with (microwave near filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 15:35
S51	0	"257"/$3 and ((ceramic near capacitor) and (microwave near filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 15:35
S52	346	"257"/$3 and (ceramic near capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 15:36
S53	7	("20030075789" | "20030198006" | "5089878" | "5099306" | "5349496" | "5933712" | "5950292").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 15:40
S54	30	("20030193791" | "20030197198" | "20030198033" | "20030202330" | "4734819" | "4754366" | "4853826" | "5022869" | "5103283" | "5212402" | "5272590" | "5306948" | "5403195" | "5403784" | "5438481" | "5481436" | "5483099" | "5717249" | "5734555" | "5831810" | "5844419" | "5892275" | "5895966" | "5956576" | "6046911" | "6222260" | "6342724" | "6469895" | "6489686" | "6558181").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 15:43

EAST Search History

S55	12	("3611070" | "3625783" | "4176445" | "4777718" | "5493074" | "5548268" | "5656856" | "5834832" | "5966294" | "6023209" | "6469613" | "6623608").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 15:53
S56	1	"257"/$3 and (microwave near ceramic near filter)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 15:53
S57	7	"257"/$3 and (microwave with ceramic with filter)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 15:53

| S58 | 129 | (US-20040227227-$ or US-20040227258-$ or US-20040238942-$ or US-20040256738-$ or US-20050017344-$ or US-20050017345-$ or US-20050051887-$ or US-20050056931-$ or US-20020119396-$ or US-20060012966-$ or US-20040022038-$ or US-20050151240-$ or US-20050224934-$ or US-20050224962-$ or US-20050230812-$ or US-20050167817-$ or US-20050200003-$ or US-20050218509-$ or US-20020027773-$ or US-20020159242-$ or US-20020076919-$ or US-20020180063-$ or US-20040075171-$).did. or (US-6370013-$ or US-6937479-$ or US-6812561-$ or US-6791178-$ or US-6803324-$ or US-6628178-$ or US-6967398-$ or US-6724638-$ or US-5565706-$ or US-6885561-$ or US-6943108-$ or US-6921975-$ or US-6955948-$ or US-6800936-$ or US-6933601-$ or US-6838776-$ or US-5818699-$ or US-6891266-$ or US-6791133-$ or US-6455885-$ or US-6831357-$ or US-6844505-$ or US-6838763-$ or US-6867496-$ or US-6356453-$ or US-6889155-$). did. or (US-6388207-$ or US-6218729-$ or US-6576499-$ or US-6985364-$ or US-4811082-$ or US-5874770-$ or US-6828670-$ or US-5949654-$ or US-6410858-$ or US-6847527-$ or US-5768109-$ or US-6907658-$ or US-6946415-$ or US-6362525-$ or US-6043987-$ or US-6841869-$ or US-6870256-$ or US-6535398-$ or US-6757178-$ or US-6714422-$ or US-6642811-$ or US-6489680-$ or US-6441473-$ or US-6313529-$ or US-6476486-$ or US-6400576-$ or US-6147876-$). did. or (US-5990564-$ or US-5942797-$ or US-5886406-$ or US-5877550-$ or US-6841855-$ or US-5780930-$ or US-5719750-$ or US-5712767-$ or US-5475567-$ or US-5239448-$ or US-6700177-$ or US-6879492-$ or US-6166436-$ or US-7006359-$ or US-6989600-$ or US-6803659-$ or US-6970362-$ or | US-PGPUB; USPAT | OR | OFF | 2006/04/17 06:35 |

EAST Search History

S59	8	S58 and bulk	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 06:39
S60	5	257/723 and (bulk near acoustic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 06:41
S61	145	"257"/$3 and (bulk near acoustic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 06:41
S62	8	("20020037138" | "5867368" | "5969461" | "6140144" | "6365441" | "6490166" | "6566170" | "6700068").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 06:46
S63	53	("4763098" | "4838089" | "5209122" | "5285690" | "5591679" | "5600071" | "5646072" | "5721446" | "5889211" | "5994161").PN. OR ("6140144").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 06:47
S64	2	("5373268" | "6150703").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 06:50
S65	12	("4285001" | "5185803" | "5519890" | "5589082" | "5594394" | "5714917" | "5883575" | "5910756" | "6021192" | "6081171" | "6255714").PN. OR ("6768396").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 06:50
S66	90	("3173100" | "3189851" | "3293557" | "3486046" | "3568108" | "3686579" | "3696312" | "3760471" | "3764928" | "3916490" | "3924312" | "4019181" | "4166967" | "4320365" | "4365216" | "4418299" | "4456850" | "4502932" | "4556812" | "4562370" | "4642508" | "4897618" | "5153476" | "5162691" | "5166646" | "5185589" | "5233259" | "5294898" | "5332943" | "5373268" | "5382930" | "5422533" | "5446306" | "5587620" | "5596239" | "5629906" | "5646583" | "5692279" | "5714917" | "5872493" | "5910756").PN. OR ("6081171").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 06:56

EAST Search History

S67	40	("4081769" | "4262269" | "4596969" | "4660004" | "4721925" | "4724351" | "4862122" | "5025346" | "5065119" | "5090254" | "5191304" | "5399232" | "5428325" | "5446729" | "5455547" | "5491604" | "5537083" | "5550516" | "5578976" | "5589082" | "5619061" | "5640133" | "5783973" | "5839062" | "5858809" | "5872489" | "5880369" | "5918280" | "5955932" | "5963857" | "5976994" | "6016092" | "6049702" | "6067858" | "6121552" | "6169321" | "6249073" | "6275324" | "6278342" | "6296779").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 07:10
S68	4	("257"/$3 or "438"/$3 or "361"/$3) and (microwave with (ceramic near filter))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 07:19
S69	39	257/723 and (ceramic near capacitor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 07:20
S70	9	("4929999" | "5714252" | "5766982" | "5874780" | "5926694" | "5994166" | "6037044" | "6124553" | "6178093").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 07:41
S71	0	"5818699".pn. and impedance	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 07:41
S73	10	S58 and (stripline or (strip near line))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 08:45
S74	27	S58 and ((si near o) or (silicon near (dioxide or oxide)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 08:53
S75	104	"257"/$3 and ((ceramic near substrate) with ((si near o) or (silicon near (dioxide or oxide))))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 08:57
S76	30	"361"/$3 and ((ceramic near substrate) with ((si near o) or (silicon near (dioxide or oxide))))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 08:57